AGRI-FACTS
Practical Information for Alberta's Agriculture Industry

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Varieties of Special Crops for Alberta

Variety Testing Procedures

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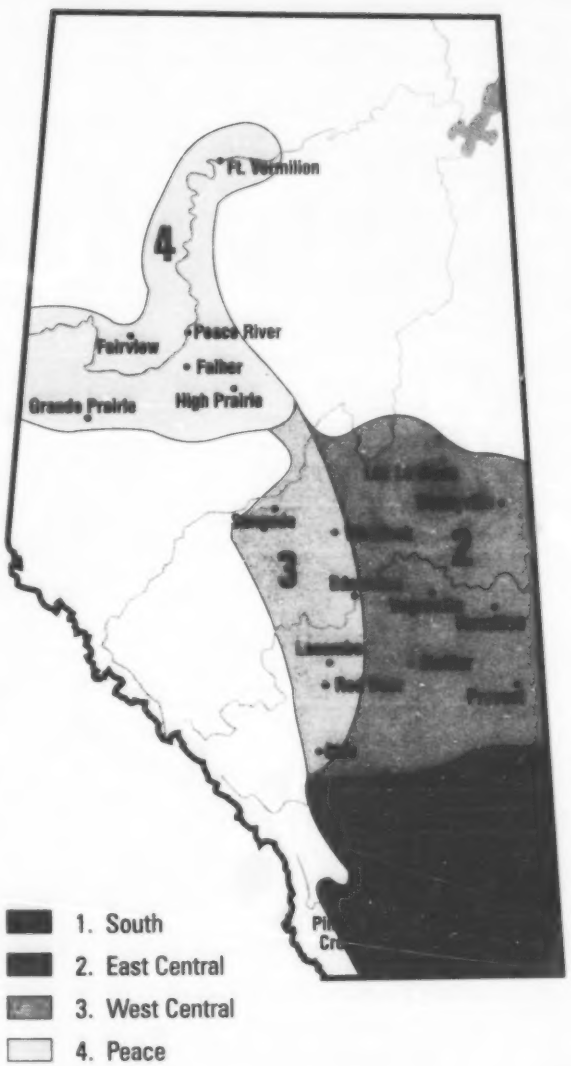

Alberta
AGRICULTURE, FOOD AND RURAL DEVELOPMENT

FIELD PEA – YELLOW

Variety	Relative yield % of Carrera 1996-2000 Region (see map) 1-Irri. sty*	%	1-Dryland sty	%	2 sty	%	3 sty	%	4 sty	%	Average of all regions from 1996-2000 Average station years	Relative yield % of Carrera	Days to maturity (+/- Carrera)	Vine length (cm)	Seed weight (g/1000)	Standability (1E-9F)**
Badminton (A)	1	79	4	101	6	93	4	98	6	105	19	101	-0.8	62	246	6.3
CDC Minuet (CDC 9805) (A)***	1	129	4	108	6	96	4	82	6	115	19	101	2.1	70	186	6.1
Eclipse (A)***	1	130	4	127	6	105	4	92	6	103	19	105	2.4	73	246	4.8
SW 955180 (A)	1	93	4	110	6	98	4	87	6	108	19	99	1.6	76	216	4.6
4-0409-027	3	92	6	100	13	99	7	89	13	112	37	101	-4.7	71	232	8.8
AC Melfort***	5	97	10	93	16	99	10	88	18	96	52	94	2.6	60	216	6.3
Alfetta	8	106	10	104	19	98	13	100	16	110	57	103	-1.5	64	269	5.1
Baccara	5	89	9	101	9	108	7	100	11	112	35	107	-0.3	63	275	5.8
Bravo	5	97	10	98	16	126	10	98	18	109	52	109	-0.1	72	246	4.0
Carneval	10	88	13	95	26	108	16	94	23	108	76	103	1.0	78	219	3.9
Carrera (check)	**10**	**100**	**13**	**100**	**26**	**100**	**16**	**100**	**22**	**100**	**75**	**100**	**0.0**	**63**	**257**	**5.6**
CDC Handel***	3	98	7	103	13	118	6	89	13	113	37	107	-0.3	70	200	6.6
CDC Mozart***	3	100	7	110	13	119	7	95	13	109	38	108	-0.3	66	235	6.2
Cobra	5	105	10	107	15	117	10	95	18	117	51	110	-0.3	73	230	5.8
Croma	5	104	10	100	16	101	10	103	18	103	52	101	0.2	61	300	5.3
Delta	5	106	10	106	16	124	10	103	18	116	52	114	-1.2	66	237	5.5
DS Stalwarth (4-0359-016)***	3	95	7	100	13	105	7	83	13	112	38	101	1.4	76	229	4.5
Integra	5	98	10	97	16	103	10	100	18	103	52	101	-2.2	74	264	3.8
Miami	5	100	10	109	16	116	10	104	18	110	52	111	-1.5	75	233	4.4
Nicole	5	109	10	102	16	95	10	100	18	98	52	99	-0.5	56	259	5.2
Swing	5	102	10	99	16	114	10	100	18	103	52	106	-1.6	72	238	4.6
Bridge (B)	4	84	5	89	3	127	3	102	5	122	16	109	0.4	67	266	5.9
Canis (B)	4	82	5	93	7	95	5	93	7	109	24	98	1.3	81	230	4.4
CDC Winfield (B)	5	102	3	90	10	90	6	84	5	94	24	89	4.3	73	244	6.9
Ceb 1441 (B)	2	111	3	99	3	90	3	93	5	97	14	95	0.7	58	279	4.8
Concorde (B)	5	88	3	97	10	93	6	74	5	91	24	88	-1.1	66	255	7.3
Cresta (B)	2	113	3	102	3	105	3	90	5	104	14	101	-0.1	57	256	5.6
Discovery (B)	5	111	3	93	10	90	6	85	5	93	24	90	2.6	79	281	5.9
Eiffel (B)	7	103	6	105	11	104	9	96	10	108	36	103	-0.7	80	270	4.4
Grande (B)	5	104	3	90	10	89	6	83	5	108	24	91	3.4	92	232	5.9
LG 110 (B)	5	107	3	99	10	91	6	82	5	89	24	89	-1.4	69	242	5.1
Loto (B)	2	115	3	103	3	103	3	103	5	108	14	105	0.1	59	285	6.0
Mandy (B)	5	98	3	74	10	83	6	86	5	95	24	85	2.1	76	267	6.0
Marco (B)	5	103	3	80	10	90	6	85	5	93	24	88	-0.1	74	242	5.2
Mustang (B)	5	110	3	84	10	91	6	80	5	95	24	88	-0.9	74	193	7.2
Passat (B)	2	96	3	92	7	79	3	109	7	94	19	90	-0.2	62	277	–
Profi (B)	5	97	3	106	10	96	6	86	5	96	24	95	-2.4	86	245	4.7
Spitfire (B)	5	94	3	77	10	96	6	87	5	105	24	93	2.3	80	219	6.7
Tenor (B)	5	105	3	90	10	100	6	92	5	98	24	96	0.4	85	260	4.6
Yorkton (B)	5	99	3	87	10	99	6	84	5	105	24	95	2.0	82	237	6.2
Carrera – Yield (kg/ha)		6000		3451		3466		6147		3700		4140				

Remarks – Varieties marked (A) are first year entries in 2000, varieties marked (B) were not entered in the 2000.
*sty – station years
** Standability – 1 = erect, 9 = flat
*** Powdery mildew resistant

FIELD PEA - GREEN

	Relative yield % of Espace 1996-2000 Region (see map)										Average of all regions from 1996-2000					
	1-Irri.		1-Dryland		2		3		4		Average	Relative yield	Days to maturity	Vine length	Seed weight	Standability
Variety	**sty***	**%**	**sty**	**%**	**sty**	**%**	**sty**	**%**	**sty**	**%**	**station years**	**% of Espace**	**(+/- Espace)**	**(cm)**	**(g/1000)**	**(1E-9F)****
Cascade (4 L 28/1) (A)	1	92	4	95	6	98	4	90	6	85	19	90	1.3	71	210	5.4
CDC Montero (CDC 9801) (A)***	1	109	4	93	6	94	4	82	6	91	19	88	4.0	69	208	6.3
DS Dominator (DS 49310) (A)***	1	68	4	61	6	50	4	47	6	50	19	52	7.5	60	204	5.4
Logan (93125-07) (A)	1	61	4	91	6	89	4	87	6	81	19	86	2.6	70	188	4.5
Millennium (A)	1	101	4	94	6	103	4	96	6	94	19	96	0.9	60	247	5.2
Venture (A)	1	70	4	101	6	92	4	93	6	85	19	91	1.4	70	221	5.4
Adagio	5	81	10	91	15	99	10	94	18	96	52	95	0.9	68	244	6.8
Advantage***	3	64	7	82	12	79	7	64	13	71	38	72	4.0	60	265	7.1
Astina (B)	4	93	6	94	8	89	6	85	12	101	32	94	1.7	71	243	5.2
Astuce (B)	2	82	3	78	3	87	3	75	5	82	14	81	1.1	63	246	6.0
Espace (check)	**5**	**100**	**10**	**100**	**15**	**100**	**10**	**100**	**18**	**100**	**52**	**100**	**0.0**	**67**	**225**	**4.8**
Nitouche	3	100	7	95	12	98	7	96	13	98	38	96	1.7	76	270	4.9
Pekisko	5	95	10	89	15	78	10	81	18	85	52	82	-3.0	69	181	5.3
Scuba	5	95	10	-	15	86	10	88	18	89	52	87	-1.0	71	225	5.1
SW Parade***	3	98	7	93	12	100	7	92	13	93	38	93	2.2	69	197	5.8
Toledo	3	90	7	92	12	94	7	96	13	95	38	94	0.1	69	271	3.9
CDC Peko (B)	4	90	5	58	7	66	5	70	7	79	24	70	4.4	71	178	7.8
Columba (B)	4	99	6	88	9	93	6	87	12	101	33	94	1.7	75	262	5.7
CPB Phantom (B)	7	95	6	89	13	95	9	87	10	86	38	89	0.3	63	272	5.7
DP 138694 (B)	2	106	3	103	3	101	3	96	5	91	14	97	-1.3	70	260	5.2
Explorer (B)	4	78	5	85	7	88	5	77	7	91	24	86	0.8	79	226	5.7
Keoma (B)	7	99	6	86	13	94	9	84	10	91	38	89	-0.3	68	206	6.5
Radley (B)	1	78	1	75	3	95	3	72	5	73	12	78	0.3	68	198	6.9
Espace - Yield (kg/ha)		5714		3445		4075		4832		3683		3991				

Remarks - Varieties marked (A) are first year entries in 2000, varieties marked (B) were not entered in the 2000.
***sty** - station years
**** Standability - 1 = erect, 9 = flat
***** Powdery mildew resistant**

DRY BEAN – NARROW ROW

Variety	Type	Station years	Yield as % of check	Days to bloom*	Days to maturity (+/-)	Seed weight (g/1000)	Test weight (kg/hl)	Plant height (cm)	Architecture (1=erect, 9=down)
AC Black Diamond (L96F101)	black	3	102	57	-0.3	291	79	33	2.0
AC Harblack	black	9	104	60	3.6	176	81	38	2.0
Blackjack	black	12	82	61	6.8	174	81	38	3.3
CDC Expresso	black	16	81	48	-0.9	206	80	33	1.4
CDC Nighthawk	black	16	78	57	-0.4	176	80	37	2.0
UI 906 (check)	**black**	**16**	**100**	**57**	**0.0**	**156**	**80**	**38**	**1.8**
UI 906 – maturity = 109 days from seeding, yield kg/ha = 2470									
AC Polaris (L905E101) (A)	great northern	3	144	56	0.0	340	78	31	5.0
CDC Bianca	great northern	12	127	54	-1.7	367	77	35	4.1
CDC Crocus	great northern	9	96	50	-1.3	354	76	33	5.0
CDC Nordic	great northern	14	95	53	0.0	331	79	35	5.1
CDC Polar Bear (93407)	great northern	6	109	54	-0.3	324	79	297	
US 1140 (check)	**great northern**	**3**	**100**	**51**	**0.0**	**325**	**79**	**25**	**6.7**
US 1140 – maturity = 109 days from seeding, yield kg/ha = 2118									
95346	pink	6	121	54	0.3	317	79	31	7.0
AC Alberta Pink	pink	6	97	52	-3.0	309	79	30	4.8
CDC Rosalee	pink	9	109	51	-1.3	238	70	34	3.0
Viva (check)	**pink**	**6**	**100**	**52**	**0.0**	**247**	**80**	**30**	**4.7**
VIVA – maturity = 117 days from seeding, yield kg/ha = 2158									
AC Pintoba	pinto	9	164	58	6.9	355	76	36	4.3
Apache	pinto	3	148	57	6.0	398	80	30	6.3
CDC Camino	pinto	14	157	55	3.4	337	79	44	3.0
CDC Pinnacle	pinto	12	152	53	1.6	370	79	39	4.4
CDC Pintium	pinto	9	158	52	-3.8	348	79	38	1.7
CDC Altiro	pinto	10	106	49	0.0	358	78	37	2.4
Earliray	pinto	6	110	53	-2.3	375	80	24	2.0
Othello (check)	**pinto**	**16**	**100**	**53**	**0.0**	**348**	**79**	**41**	**3.7**
Pinray	pinto	12	119	56	7.0	382	81	38	2.7
Remington	pinto	5	175	59	1.2	338	78	36	2.7
Winchester	pinto	5	142	51	0.6	346	80	35	2.7
OTHELLO – maturity = 105 days from seeding, yield kg/ha = 1966									
AC Redbond (L94D007)	small red	6	142	52	-1.7	310	80	35	2.3
NW 63 (check)	**small red**	**6**	**100**	**54**	**0.0**	**312**	**81**	**30**	**4.7**
NW 63 – maturity = 120 days from seeding, yield kg/ha = 1642									
92661 (A)	navy	3	110	58	-1.7	205	83	34	2.7
AC Mariner	navy	16	107	57	3.1	185	82	40	2.4
AC Skipper (check)	**navy**	**16**	**100**	**56**	**0.0**	**210**	**82**	**37**	**1.8**
CDC Whistler	navy	16	136	58	4.5	162	82	40	2.1
ISB 565	navy	16	129	59	3.1	170	82	42	1.8
Navigator (A)	navy	3	134	61	3.3	189	82	43	1.3
Seaside	navy	16	130	55	0.5	183	83	42	3.2
Upland	navy	16	144	57	0.6	199	83	44	3.6
AC SKIPPER – maturity = 110 days from seeding, yield kg/ha = 1891									
Prim	yellow	12	111**	46	3.6	252	83	33	2.1

** Percentage of OTHELLO

* Days from seeding
(A) = new variety in 2000

DRY BEAN - WIDE ROW

Variety	Type	Station years	Yield as % of check	Days to bloom*	Days to maturity (+/-)	Seed weight (g/1000)	Test weight (kg/hl)	Plant height (cm)	Architecture (1=erect, 9=down)
AC Alberta Pink	pink	9	104	52	-4.6	304	79	27	4.8
CDC Rosalee	pink	9	84	51	-3.4	262	78	30	2.5
Viva (check)	**pink**	**13**	**100**	**51**	**0.0**	**261**	**80**	**30**	**3.8**
VIVA - maturity = 102 days from seeding, yield (kg/ha) = 2936									
AC Pintoba	pinto	9	108	57	5.0	353	76	35	3.0
Apache	pinto	6	113	55	4.5	367	78	33	5.3
CDC Camino	pinto	13	89	52	1.4	357	78	38	2.8
CDC Pinnacle	pinto	6	102	52	1.5	378	79	29	4.0
Earliray	pinto	13	73	50	-3.5	376	79	27	2.0
Fargo	pinto	13	98	47	-2.2	352	76	34	3.3
Fiesta	pinto	13	97	52	3.8	373	74	34	5.1
Othello (check)	**pinto**	**13**	**100**	**51**	**0.0**	**357**	**79**	**31**	**3.1**
Pinray	pinto	13	76	55	8.6	371	80	36	2.3
Remington	pinto	5	100	57	0.7	348	78	33	2.3
Topaz	pinto	13	96	55	0.9	346	75	36	2.7
Winchester	pinto	5	100	50	0.3	359	80	32	1.7
OTHELLO - maturity = 100 days from seeding, yield kg/ha = 2837									
AC Earlired	small red	9	116	52	-8.0	310	80	31	3.0
NW 63 (check)	**small red**	**13**	**100**	**51**	**0.0**	**315**	**81**	**32**	**3.6**
NW 63 - maturity = 104 days from seeding, yield kg/ha = 2641									
Beryl	great northern	13	96	54	0.3	276	80	32	3.7
CDC Crocus	great northern	9	97	48	-4.0	382	76	31	3.5
US 1140 (check)	**great northern**	**13**	**100**	**50**	**0.0**	**321**	**78**	**32**	**4.9**
US 1140 - maturity = 102 days from seeding, yield kg/ha = 3033									
Navigator (A)	navy	3	79	58	4.7	195	80	38	1.0
Othello (check)	**pinto**	**13**	**100**	**51**	**0.0**	**357**	**79**	**31**	**3.1**
Prim	yellow	6	78	48	2.8	268	83	29	1.7
UI 906	black	13	83	58	2.8	158	79	34	1.3
OTHELLO - maturity = 100 days from seeding, yield kg/ha = 2837									

Check variety: OTHELLO - mean yield = 2680 kg/ha; days to maturity = 103 from seeding date
*Days from seeding
(A) =new variety in 2000

FABABEAN

Variety	Station Years	Relative yield (% of Orion)	Days to maturity (+/-)	Plant height (cm)	Seed weight (g/1000)	Best adapted in areas
Aladin	20	98	9.9	100	431	2,4 & irri
CDC Blitz	14	112	6.3	89	423	2,4 & irri
CDC Fatima	8	105	2.1	77	502	2,4 & irri
CEB 95920 (A)	4	119	6.0	74	564	2,3,4 & irri
CEB 96921 (A)	4	160	3.8	80	518	2,3,4 & irri
Orion (check)	**19**	**100**	**0.0**	**77**	**347**	2,3,4 & irri
Outlook	16	109	7.1	100	373	2,4 & irri
Pegasus	21	105	8.0	99	393	2,4 & irri
PF 7501 (A)	4	144	3.8	78	595	2,4 & irri
Scirocco (A)	4	143	1.0	82	520	2,4 & irri

Check variety: ORION - yield = 4806 kg/ha, days to maturity = 118
(A) = first year entries

CHICKPEA - DESI

Variety	Station years	Yield as % of Myles	Days to maturity (+/-)	Days to bloom*	Seed weight (g/1000)	Test weight (kg/hl)	Plant height (cm)
BS 1-18 (A)	4	132	1.0	54	292	–	34
BS 1-43 (A)	4	131	3.0	53	270	–	33
DH 10-31 (A)	4	121	3.5	53	192	–	31
DH 10-34 (A)	4	114	1.0	53	175	–	32
DH 45-1 (A)	4	107	0.5	55	220	–	32
92-039-5	6	111	0.0	49	213	75	36
92-050-26D	6	111	4.7	50	355	77	36
92-056-50	6	110	3.0	50	219	79	40
92-073-40	6	129	2.7	47	287	76	39
92-085-21	6	120	3.3	49	233	78	34
CDC Desiray	6	113	2.0	49	200	78	35
Myles (check)	**6**	**100**	**0.0**	**49**	**193**	**74**	**37**

Check variety: MYLES – yield = 1655 kg/ha, days to maturity = 119
*Days from seeding

CHICKPEA - KABULI

Variety	Station years	Yield as % of Sanford	Days to maturity (+/-)	Days to bloom*	Seed weight (g/1000)	Test weight (kg/hl)	Plant height (cm)
92-009-10	4	100	-3.3	47	383	78	40
92-014-13	3	101	-2.5	46	366	77	37
92-060-11	4	117	-3.3	47	420	76	43
92-67-4	4	96	-2.7	47	415	77	38
93-113-39	2	113	-2.0	44	332	77	44
93-113-59 (A)	2	114	-4.5	47	365	–	33
93-120-63	4	113	-3.7	45	393	77	41
CDC Chico	4	121	-5.0	47	290	79	41
CDC Xena	4	107	-2.7	46	452	77	39
CDC Yuma	4	93	-1.7	48	406	78	41
Evans	4	92	0.7	50	438	77	45
Sanford (check)	**4**	**100**	**0.0**	**52**	**412**	**77**	**45**
X 39	4	103	-3.3	47	430	77	38

Check variety: SANFORD – yield = 1735 kg/ha, days to maturity = 104
*Days from seeding
(A) = new variety in 2000

LENTIL

Variety	Type	Station years	Relative yield (% of Laird)	Days to maturity (+/- Laird)	Seed weight (g/1000)	Plant height (cm)	Best adapted in areas
CDC Glamis	large green	15	129	-1	60	89	2,4 & irrig.
CDC Grandora	large green	12	133	-1	68	39	2,4 & irrig.
CDC Sedley (A)	large green	5	105	-1	74	37	2,4 & irrig.
CDC Sovereign	large green	12	159	-2	62	41	2,4 & irrig.
Laird	**large green**	**24**	**100**	**0**	**69**	**40**	**1**
CDC Richlea	medium green	24	158	-9	51	35	2,4 & irrig.
CDC Vantage	medium green	16	142	-5	50	37	2,4 & irrig.
CDC Milestone	small green	20	156	-12	39	32	2,4 & irrig.
Eston	small green	24	142	-12	35	32	2,4 & irrig.
CDC Blaze (A)	small red	5	85	-20	36	31	2,4 & irrig.
CDC Redcap (A)	small red	5	101	-19	36	33	2,4 & irrig.
CDC Redwing	small red	24	131	-5	38	33	2,4 & irrig.
Crimson (A)	small red	5	97	-21	35	27	2,4 & irrig.
CDC Robin	extra small red	12	148	-20	30	35	2,4 & irrig.

Check variety: LAIRD – yield = 1354 kg/ha; days to maturity = 109
(A) = first year variety

MUSTARD

Variety	Type	Station years	Relative yield (% of check)	Days to maturity (+/- check)	Plant height (cm)	Seed weight (g/1000)	Best adapted in areas
AC Vulcan	oriental	14	107	0.2	94	3.0	1,2 & Irrig.
Cutlass	oriental	17	101	-0.6	94	2.8	1,2 & Irrig.
Forge	oriental	17	107	1.3	114	3.1	1,2 & Irrig.
Lethbridge 22A*	**oriental**	**17**	**100**	**0.0**	**95**	**3.2**	**1,2 & Irrig.**
AC Base	yellow	3	119	1.0	83	6.0	1,2 & Irrig.
AC Pennant	yellow	17	109	3.8	82	5.8	1,2 & Irrig.
Gisilba	yellow	17	108	3.0	83	6.3	1,2 & Irrig.
Ochre	yellow	17	104	2.9	84	4.9	1,2 & Irrig.
Tilney	yellow	17	106	4.9	82	5.9	1,2 & Irrig.
Viscount	yellow	17	102	3.8	84	5.3	1,2 & Irrig.
Common Brown	brown	17	104	-0.2	93	3.0	1,2 & Irrig.

* Check variety: LETHBRIDGE 22A – yield = 2335 kg/ha; days to maturity = 106 from seeding date

SUNFLOWER (NON-OIL TYPE)

Company	Hybird	Relative yield (%)*	Relative maturity**	% Large seed***	Test weight (kg/hl)	Height (cm)
Pioneer	D131	100	0.0	55	30	146
Pioneer	D151	106	0.4	70	30	175
Interstate/Payco	IS 8004	105	-2.0	66	32	134
Pioneer	6946	111	-1.6	69	-	–
Mycogen	SIGCO 954	90	-1.1	71	31	132

* As a percentage of D131. Average yield of D131 = 2959 kg/ha.
** +/- days relative to D131. Average days to maturity of D131 = 127.
*** Percentage of seeds retained by 20/64 screen.

SAFFLOWER

Variety	Relative yield (% of check)	Days to maturity (+/- check)	Oil content (%)	Plant height (cm)	Test weight (lb/bu)	Seed weight (g/1000)	Sclerotinia head rot %
Saffire*	**100**	**0**	**32.3**	**54**	**53.9**	**34.4**	**4.9**
AC Stirling	107	+3.8	34.8	54	53.7	35.9	12.9
AC Sunsent	105	-1	34.8	52	53.3	34.8	6.0

* Check variety: SAFFIRE – yield = 2125 kg/ha; days to maturity = 126
Data from southern Alberta dryland test sites, 1990-96
Remarks: SAFFIRE – shiny seed coat and low oil content makes it better suited for birdseed.

CANARY SEED

Variety	Relative yield (% of check)	Days to maturity	Seed weight (g/1000)	Test weight (kg/hl)	Plant height (cm)	Best adapted in areas**
Elias	99	105-110	7.5	63	92	1,2,3,4 & Irrig.
Keet	**100**	**105-110**	**7.4**	**63**	**89**	**1,2,3,4 & Irrig.**
CDC Maria*	85	105-110	7.7	70	91	1,2,3,4 & Irrig.
Glabrous*	83	105-110	7.8	70	80	1,2,3,4 & Irrig.

* hairless seed
** where season and moisture permit
Check variety: KEET
Remarks: Use above data as general guide only because of limited availability of test results in Alberta.

GRAIN CORN HYBRIDS

(Averaged over years and locations)

Company	Hybrid	Number of locations/years	Grain yield (bu/ac)*	Grain moisture (%)	Test weight (lb/bu)	Date of anthesis
Advanta	8985	7	99.9	25.5	53.8	24 July 00
Advanta	N8993	7	97.2	34.0	46.9	28 July 00
Dekalb	DK221	7	99.9	28.0	55.2	27 July 00
Dekalb	DK220	7	107.1	27.3	55.6	26 July 00
Hyland	HL2093	7	102.8	23.4	53.9	27 July 00
Hyland	HL2017	16	105.7	25.9	53.2	24 July 00
Novartis	N03-D9	7	87.7	24.6	54.2	24 July 00
Novartis	G4011	31	98.9	24.2	53.6	25 July 00

2000 GRAIN CORN YIELDS

Company	Hybrid	Number of locations/years	Grain yield (bu/ac)*	Grain moisture (%)	Test weight (lb/bu)	Date of anthesis
Advanta	N8993	3	115.1	35.2	42.8	29 July 00
Advanta	8985	3	118.7	26.0	53.0	24 July 00
Dekalb	DKC28-12	3	129.6	31.2	52.8	28 July 00
Dekalb	DK308	2	128.6	31.6	-	30 July 00
Dekalb	DKC29-95	3	129.1	31.3	47.4	28 July 00
Dekalb	DKC26-75	3	132.1	28.0	49.7	27 July 00
Dekalb	DK307	2	127.0	30.9	-	28 July 00
Dekalb	DK221	3	124.0	29.8	52.4	27 July 00
Dekalb	DK220	3	137.8	29.8	53.0	26 July 00
Dekalb	DKC26-82	3	121.4	28.9	53.3	28 July 00
Dekalb	DKC27-11	3	112.9	28.4	53.2	27 July 00
Hyland	HL2093	3	125.2	25.8	52.5	28 July 00
Hyland	HL2017	3	127.9	27.5	51.4	26 July 00
Novartis	N03-D9	3	114.5	25.0	53.3	24 July 00
Novartis	G4011	3	118.2	25.3	53.1	24 July 00
Novartis	N7992	3	99.7	35.8	39.8	31 July 00
Novartis	N04-T4	3	127.0	31.1	47.8	25 July 00
Pioneer	X0708F	3	117.7	26.2	55.0	23 July 00
Pioneer	X0749D	3	137.0	25.7	53.7	28 July 00
Pioneer	39N03	3	109.9	24.1	56.1	23 July 00
Pioneer	39W54	3	121.9	24.0	53.0	27 July 00
Pioneer	X0709X	3	131.3	28.0	51.5	26 July 00

SILAGE CORN HYBRIDS

(Averaged over years and locations)

Company	Hybrid	Number of locations/years	Yield (t/ac dry)	Whole plant moisture (%)	Date of anthesis
Advanta	N15-Z1	8	6.4	65.2	29 July 00
Advanta	8960	8	6.5	68.7	30 July 00
Advanta	N8993	8	6.4	66.8	29 July 00
Dekalb	DK308	8	6.7	66.6	29 July 00
Dekalb	DK220	8	6.9	62.5	26 July 00
Dekalb	DK221	8	7.1	63.0	27 July 00
Dekalb	DKC28-12	4	7.2	63.5	27 July 00
Hyland	HL2428	55	7.3	68.2	31 July 00
Hyland	HLS012	8	6.6	67.7	03 Aug 00
Novartis	G4066	62	6.8	65.9	28 July 00
Novartis	G4043	30	7.4	69.6	01 Aug 00
Pioneer	39K72	12	6.7	58.1	26 July 00
Pioneer	3941	15	6.7	64.2	27 July 00
Pioneer	39K73	7	6.6	61.2	27 July 00
Pioneer	39K38	6	7.0	66.7	02 Aug 00
Pioneer	X0708F	8	5.9	59.4	26 July 00
Pioneer	39T68	12	6.9	64.3	26 July 00
Pioneer	39N03	8	5.3	58.7	24 July 00
Pioneer	39Y85	8	6.5	64.4	28 July 00
Pioneer	39R52	14	6.6	69.6	30 July 00
Pioneer	39A26	8	6.5	65.6	29 July 00
Pioneer	38F70	8	7.2	71.5	31 July 00

2000 SILAGE CORN YIELDS

Company	Hybrid	Number of locations/years	Yield (t/ac dry)	Whole plant moisture (%)	Date of anthesis
Advanta	8972IT	4	6.7	71.1	05 Aug 00
Advanta	N8993	4	7.0	66.2	30 July 00
Advanta	8960	4	6.5	69.1	01 Aug 00
Dekalb	DK334BtY	4	6.7	72.1	03 Aug 00
Dekalb	DK355	4	7.0	71.1	04 Aug 00
Dekalb	DKC29-65	4	6.3	67.3	29 July 00
Dekalb	DK308	4	6.8	68.4	01 Aug 00
Dekalb	DKC26-82	4	7.0	63.0	29 July 00
Dekalb	DKC27-11	4	7.1	67.3	29 July 00
Dekalb	DK220	4	7.0	63.0	28 July 00
Dekalb	DK[illegible]7	4	7.3	66.6	30 July 00
Dekalb	DKC28-12	4	7.3	63.8	29 July 00
Dekalb	DK221	4	7.2	63.9	28 July 00
Dekalb	DKC26-75	4	6.2	62.6	28 July 00
Hyland	HLS012	4	6.4	69.0	05 Aug 00
Hyland	HLXS113	4	7.3	72.0	09 Aug 00
Hyland	HLXS112	4	7.5	64.8	06 Aug 00
Hyland	HL2428	4	6.3	68.3	02 Aug 00
Novartis	N09-A4	4	6.3	65.0	30 July 00
Novartis	N15-Z1	4	6.0	65.2	31 July 00
Novartis	G4066	4	6.6	66.6	30 July 00
Novartis	G4043	4	7.5	70.9	01 Aug 00
Pioneer	39T68	4	6.9	64.6	27 July 00
Pioneer	39Y85	4	7.0	64.2	30 July 00
Pioneer	X0779Y	4	6.8	65.1	30 July 00
Pioneer	38F70	2	7.1	65.4	01 Aug 00
Pioneer	X0708F	4	5.8	62.9	24 July 00
Pioneer	39A26	4	6.8	64.6	31 July 00
Pioneer	39K73	4	6.5	62.8	29 July 00
Pioneer	39K38	2	7.3	62.7	04 Aug 00
Pioneer	39W54	4	6.4	65.3	29 July 00
Pioneer	X0838K	4	7.4	67.6	02 Aug 00
Pioneer	39A46	4	6.8	68.1	01 Aug 00
Pioneer	X0749D	4	6.6	61.4	29 July 00
Pioneer	39M27	4	7.1	60.4	27 July 00
Pioneer	X0859G	4	7.0	68.8	01 Aug 00
Pioneer	39N03	4	5.3	59.8	25 July 00
Pioneer	X0759FT	4	6.9	59.3	29 July 00
Pioneer	39R52	4	7.0	69.7	01 Aug 00
Pioneer	3921(R)	2	7.7	61.6	01 Aug 00
Pioneer	39K72	4	6.6	59.2	28 July 00
Pioneer	X0709X	4	6.8	58.6	30 July 00
Pioneer	3941	2	7.0	57.5	29 July 00

02/01/3M